BRUHAT BANGALORE MAHANAGARA PALIKE
BYTARAYANPURA DIVISION

Name of Work:

Providing Cement Concrete Road and Improvements to Roads and Drains at bharath Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision

1ST& FINAL BILL

PRE-MEASUREMENT

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 006-18-000037

Name of Agency :- M/S Sathya constructions.

Bill No :- 1st and final bill

Name Of work :- Providing Cement Concrete Road and Improvements to Roads and Drains at bharath Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded on									
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD									
	DESILT									
	Baloon Factory surrounding									
	Cross Road 1									
	0.00	15.00		1	15.00			0.50	0.50	3.75
	15.00	30.00		1	15.00			0.50	0.45	3.38
	30.00	45.00		1	15.00			0.50	0.45	3.38
	45.00	60.00		1	15.00			0.50	0.50	3.75
	60.00	75.00		1	15.00			0.50	0.50	3.75
	75.00	90.00		1	15.00			0.50	0.50	3.75
	90.00	105.00		1	15.00			0.50	0.50	3.75
	105.00	120.00		1	15.00			0.50	0.50	3.75
	120.00	133.00		1	13.00			0.50	0.50	3.25
	Cross Road 2									
	0.00	15.00		1	15.00			0.50	0.50	3.75
	15.00	30.00		1	15.00			0.50	0.50	3.75
	30.00	45.00		1	15.00			0.50	0.50	3.75
	45.00	60.00		1	15.00			0.50	0.50	3.75
	60.00	75.00		1	15.00			0.50	0.55	4.13
	75.00	90.00		1	15.00			0.50	0.60	4.50
	90.00	105.00		1	15.00			0.50	0.60	4.50
	105.00	120.00		1	15.00			0.50	0.60	4.50
	120.00	136.00		1	16.00			0.50	0.60	4.80
	Cross Road 3									
	0.00	15.00		1	15.00			0.50	0.50	3.75
	15.00	30.00		1	15.00			0.50	0.50	3.75
	30.00	45.00		1	15.00			0.50	0.50	3.75
	45.00	60.00		1	15.00			0.50	0.50	3.75
	60.00	75.00		1	15.00			0.50	0.50	3.75
	75.00	90.00		1	15.00			0.50	0.50	3.75
	90.00	99.00		1	9.00			0.50	0.50	2.25
								Total Qty	**94.68**	**Cum**

TEJUS CONSULTANTS

Consultant

Assistant Engineer

Assistant Executive Engineer

15/5/2020

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Name Of work :- **Providing Cement Concrete Road and Improvements to Roads and Drains at Harath Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision**

SNO from No.	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded on										
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P No 25, I No 5.33 of PW, P&IWTD SR 2016-17)										
	Baloon Factory surrounding										
	Cross Road 1										
	0.00	15.00		1	10.00			1.80		18.00	
	15.00	30.00		1	10.00			1.80		18.00	
	30.00	45.00		1	10.00			1.80		18.00	
	45.00	60.00		1	11.00			1.80		19.80	
	60.00	75.00		1	10.00			1.80		18.00	
	75.00	90.00		1	10.00			1.80		18.00	
	90.00	105.00		1	10.00			1.80		18.00	
	105.00	120.00		1	13.00			1.80		23.40	
	Cross Road 2										
	0.00	15.00		1	15.00			1.80		27.00	
	15.00	30.00		1	15.00			1.80		27.00	
	30.00	45.00		1	15.00			1.80		27.00	
	45.00	60.00		1	15.00			1.80		27.00	
	60.00	75.00		1	15.00			1.80		27.00	
	75.00	90.00		1	15.00			1.80		27.00	
	90.00	105.00		1	15.00			1.80		27.00	
	105.00	120.00		1	15.00			1.80		27.00	
	Cross Road 3										
	0.00	15.00		1	15.00			1.35		20.25	
	15.00	30.00		1	15.00			1.35		20.25	
	30.00	45.00		1	15.00			1.35		20.25	
	45.00	60.00		1	15.00			1.35		20.25	
	60.00	75.00		1	15.00			1.35		20.25	
	75.00	90.00		1	15.00			1.35		20.25	
	90.00	99.00		1	9.00			1.35		12.15	
									Total Qty	**500.85**	**Sqm**

Layout

VEJUS CONSULTANTS
Consultant

Assistant Engineer

Assistant Executive Engineer

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Name Of work : - Providing Cement Concrete Road and Improvements to Roads and Drains at Bharath Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded on										
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	Baloon Factory surrounding										
	Cross Road 1										
	0.00	15.00		1	5.00			1.35		6.75	
	15.00	30.00		1	5.00			1.35		6.75	
	30.00	45.00		1	5.00			1.35		6.75	
	45.00	60.00		1	5.00			1.35		6.75	
	60.00	75.00		1	5.00			1.35		6.75	
	75.00	90.00		1	5.00			1.35		6.75	
	90.00	105.00		1	5.00			1.35		6.75	
	105.00	120.00		1	6.00			1.35		8.10	
									Total Qty	55.35	Sqm

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

25/9/2021

yout

Consultant

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25/9/2021

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Measurements

Name Of work : - Providing Cement Concrete Road and Improvements to Roads and Drains at Gayathri Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Measurement Recorded on										
KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
Baloon Factory surrounding										
cross road 1										
0.00	15.00		1	15.00	4.60	4.80	4.70	0.15	10.58	
15.00	30.00		1	15.00	4.80	4.90	4.85	0.15	10.91	
30.00	37.40		1	7.40	4.90	4.90	4.90	0.15	5.44	
37.40	52.40		1	15.00	4.90	4.70	4.80	0.15	10.80	
52.40	67.40		1	15.00	4.70	4.70	4.70	0.15	10.58	
67.40	82.40		1	15.00	4.70	4.50	4.60	0.15	10.35	
82.40	97.40		1	15.00	4.50	4.50	4.50	0.15	10.13	
97.40	112.40		1	15.00	4.50	4.20	4.35	0.15	9.79	
112.40	133.00		1	20.60	4.30	4.30	4.30	0.15	13.29	
cross road 2										
0.00	15.00		1	15.00	5.10	5.00	5.05	0.15	11.36	
15.00	30.00		1	15.00	5.00	5.00	5.00	0.15	11.25	
30.00	45.00		1	15.00	5.00	4.70	4.85	0.15	10.91	
45.00	60.00		1	15.00	4.70	4.10	4.40	0.15	9.90	
60.00	75.00		1	15.00	4.10	4.20	4.15	0.15	9.34	
75.00	90.00		1	15.00	4.20	4.10	4.15	0.15	9.34	
90.00	105.00		1	15.00	4.10	4.60	4.35	0.15	9.79	
105.00	120.00		1	15.00	4.60	4.00	4.30	0.15	9.68	
120.00	136.00		1	16.00	4.00	3.30	3.65	0.15	8.76	
cross road 3										
0.00	15.00		1	15.00	5.20	4.70	4.95	0.15	11.14	
15.00	30.00		1	15.00	4.70	4.60	4.65	0.15	10.46	
30.00	45.00		1	15.00	4.60	4.90	4.75	0.15	10.69	
45.00	60.00		1	15.00	4.90	4.90	4.90	0.15	11.03	
60.00	75.00		1	15.00	4.90	4.80	4.85	0.15	10.91	
75.00	90.00		1	15.00	4.80	4.70	4.75	0.15	10.69	
90.00	99.00		1	9.00	4.70	4.70	4.70	0.15	6.35	
								Total Qty	**253.43**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

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Measurements

Name of work :- Providing Cement Concrete Road and Improvements to Roads and Drains at Byatarayanapura Nagar cross roads near baloon factory in ward no 06 byatarayanapura sub duvision

Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Measurement Recorded on									
KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)									
Baloon Factory surrounding									
cross road 1									
0.00	15.00		1	15.00	4.60	4.80	4.70	0.15	10.58
15.00	30.00		1	15.00	4.80	4.90	4.85	0.15	10.91
30.00	37.40		1	7.40	4.90	4.90	4.90	0.15	5.44
37.40	52.40		1	15.00	4.90	4.70	4.80	0.15	10.80
52.40	67.40		1	15.00	4.70	4.70	4.70	0.15	10.58
67.40	82.40		1	15.00	4.70	4.50	4.60	0.15	10.35
82.40	97.40		1	15.00	4.50	4.50	4.50	0.15	10.13
97.40	112.40		1	15.00	4.50	4.20	4.35	0.15	9.79
112.40	133.00		1	20.60	4.30	4.30	4.30	0.15	13.29
cross road 2									
0.00	15.00		1	15.00	5.10	5.00	5.05	0.15	11.36
15.00	30.00		1	15.00	5.00	5.00	5.00	0.15	11.25
30.00	45.00		1	15.00	5.00	4.70	4.85	0.15	10.91
45.00	60.00		1	15.00	4.70	4.10	4.40	0.15	9.90
60.00	75.00		1	15.00	4.10	4.20	4.15	0.15	9.34
75.00	90.00		1	15.00	4.20	4.10	4.15	0.15	9.34
90.00	105.00		1	15.00	4.10	4.60	4.35	0.15	9.79
105.00	120.00		1	15.00	4.60	4.00	4.30	0.15	9.68
120.00	136.00		1	16.00	4.00	3.30	3.65	0.15	8.76
cross road 3									
0.00	15.00		1	15.00	5.20	4.70	4.95	0.15	11.14
15.00	30.00		1	15.00	4.70	4.60	4.65	0.15	10.46
30.00	45.00		1	15.00	4.60	4.90	4.75	0.15	10.69
45.00	60.00		1	15.00	4.90	4.90	4.90	0.15	11.03
60.00	75.00		1	15.00	4.90	4.80	4.85	0.15	10.91
75.00	90.00		1	15.00	4.80	4.70	4.75	0.15	10.69
90.00	99.00		1	9.00	4.70	4.70	4.70	0.15	6.35
							Total Qty	**253.43**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

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